



261499



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT**

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL

II. SITE NAME AND LOCATION

| | | | | | |
|--|-----------------------|--|--------------------------|------------------------------|---------------------------|
| 01 SITE NAME (Legal, common, or descriptive name of site) <u>Paxton II</u> | | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER <u>116th St. & Stony Island Ave</u> | | | |
| 03 CITY <u>Chicago</u> | 04 STATE <u>IL</u> | 05 ZIP CODE <u>60633</u> | 06 COUNTY <u>Cook</u> | 07 COUNTY CODE <u>031</u> | 08 CONG DIST <u>02</u> |
| 09 COORDINATES LATITUDE <u>41°41'15.0"</u> LONGITUDE <u>087°34'35.1"</u> | | Lake Calumet Quad | | | |

10 DIRECTIONS TO SITE (Starting from nearest public road)

From The Calumet Expressway go East on 103rd St to Torrence Ave. south. Then West on 114th St 3/4 of a mile.

III. RESPONSIBLE PARTIES

| | | | | | |
|---|-----------------------|--|--|--|--|
| 01 OWNER (if known) <u>Paxton Landfill Corporation</u> | | 02 STREET (Business, mailing, residential) <u>12201 South Oglesby</u> | | | |
| 03 CITY <u>Chicago</u> | 04 STATE <u>IL</u> | 05 ZIP CODE <u>60633</u> | 06 TELEPHONE NUMBER <u>1321646-1884</u> | | |
| 07 OPERATOR (if known and different from owner) <u>Same as owner</u> | | 08 STREET (Business, mailing, residential) | | | |
| 09 CITY | 10 STATE | 11 ZIP CODE | 12 TELEPHONE NUMBER | | |

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: 1/1 MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103(a)) DATE RECEIVED: 1/1 MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

| | | | | | |
|--|--|--|--|--|--|
| 01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE <u>4/13/82</u> MONTH DAY YEAR <input type="checkbox"/> NO | | BY (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____ | | | |
|--|--|--|--|--|--|

| | |
|--|--|
| 02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN | 03 YEARS OF OPERATION <u>April 1976</u> <u>current</u> BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN |
|--|--|

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Solvents (Flammable)
Acids (Corrosive)
Heavy Metals (Toxic/Persistent)

06 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Groundwater (Environment)
Surface Water (Environment)

V. PRIORITY ASSESSMENT

| | | | |
|--|---|---|---|
| 01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) | | | |
| <input type="checkbox"/> A. HIGH (Inspection required promptly) | <input type="checkbox"/> B. MEDIUM (Inspection required) | <input checked="" type="checkbox"/> C. LOW (Inspect on time available basis) | <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form) |

VI. INFORMATION AVAILABLE FROM

| | | | |
|---|---|---|---|
| 01 CONTACT <u>Cliff Gould</u> | 02 OF (Agency/Organization) <u>IEPA OLPC</u> | 03 TELEPHONE NUMBER <u>13121345-9780</u> | |
| 04 PERSON RESPONSIBLE FOR ASSESSMENT <u>Steve Verang</u> | 06 AGENCY <u>USEPA</u> | 06 ORGANIZATION <u>E+E (FIT)</u> | 07 TELEPHONE NUMBER <u>13121663-9415</u> |
| | | 08 DATE <u>1/88</u> MONTH DAY YEAR | |



☐ I. HIGHLY VOLATILE
☐ J. EXPLOSIVE
☐ K. REACTIVE
☐ L. INCOMPATIBLE
☐ M. NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

| I. IDENTIFICATION | |
|-------------------|----------------|
| 01 STATE | 02 SITE NUMBER |
| IL | |

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

There is no documented evidence that the groundwater is contaminated in the vicinity of the site. Groundwater contamination could occur since the groundwater is shallow. It is unknown if the natural clay beneath the site acts as a complete barrier for contamination of deeper aquifers.

01 ☒ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

The Calumet River is contaminated, however it is unknown if Paxton II is contributing to the contamination. A potential exists since the Landfilled area is located in a marsh adjacent to Lake Calumet and 1 mile of the Calumet River.

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: 1

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

None observed or likely

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

None observed or likely

01 ☒ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

There is a potential of Direct Contact since the site is unfenced and is still in operation. However no hazardous waste is being accepted at this time.

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: 60
(Acres)

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

Since there may be hazardous waste in the landfill there is a potential for contamination of soil.

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

Neither Surface or Ground Water is used for drinking water within the three mile radius.

01 ☒ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: 50

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

See part E

01 ☒ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: 150

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

A potential for population exposure/injury may exist since the site is unfenced and is still in operation. The Calumet River is located 1 mile of the site and is used for fishing.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

| I. IDENTIFICATION | |
|-------------------|----------------|
| 01 STATE | 02 SITE NUMBER |
| IL | |

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None observed or likely

01 ☐ K. DAMAGE TO FAUNA

04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None observed or likely

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None observed or likely

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES

(Spills/runoff/leaking liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Since the site is located in a marshy area, the site may contribute to both surface and groundwater contamination.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None observed or likely

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None observed or likely

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING

04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: unk)

☐ POTENTIAL

☐ ALLEGED

Midnight dumping has occurred at the landfill according to file information. Also, on 7/24/78 IEPA closed the site down for failure to operate in accordance with permits.

06 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

No other known, potential, or alleged hazards

III. TOTAL POPULATION POTENTIALLY AFFECTED: 150

IV. COMMENTS

None

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

See Attached Source Sheets



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415
International Specialists in the Environment

RECEIVED

FEB 18 1986

IEPA-DLPC

03/6 000033
EXECUTIVE SUMMARY AKA

PAXTON LANDFILL CORP
12201 S. OGLESBY
CHICAGO, IL 60633
ILD 06549 8186

PAXTON II
116TH ST. & STONEY ISLAND AVE.
CHICAGO, IL 60633
(PARCELS 1 AND 3)

Paxton II is a landfill located in an industrial area at the south end of the City of Chicago. The site area was once a marshy area and then filled in like many landfills in the area. The site is 60 acres and is adjacent to a 42.5 acre parcel which is Paxton I.

Prior to 1980, the landfill accepted liquid wastes and sludges without permits. The liquid wastes and sludges may have contained, solvents, acids, and heavy metals. The landfill currently accepts non-hazardous waste.

The groundwater in the area is not used for drinking, but the surface water is used for recreation, mainly fishing. Of major concern at the site is damage to the environment. I recommend a low priority for further FIT work since the hazard to the population is low. The site inspection and hazard ranking system have already been completed by FIT.



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

PRELIMINARY ASSESSMENT

EXECUTIVE SUMMARY

TO: Alan Altur, U.S. EPA
FROM: Todd Ramaly, FIT
DATE: October 30, 1991
SUBJECT: Paxton Ldfl Corp, Chicago, Illinois
ILD069498186/F05-9104-029/FIL0030 PA

The Paxton Ldfl Corp site is a 47.5-acre landfill located at 119th Street and Paxton Avenue, Chicago, Cook County, Illinois. The site is inactive and is owned by Stryker International, Inc. (Stryker). An active landfill of 58.34 acres, Paxton Landfill #II, (also owned by Stryker) is adjacent to the west and will be aggregated with Paxton #I because of the similarities in location, ownership, operations, and migration pathways.

On June 11, 1991, Ecology and Environment, Inc. conducted an off-site reconnaissance. Paxton #I could not be seen from the road. Paxton #II was observed and noted to be without vegetation, active, and steeply sloped. No drainage system was evident on or at the base of the slopes which would prevent runoff from exiting the site.

Paxton #I opened in June of 1971 and closed in 1976. Paxton #II opened illegally in 1976, legally in 1978 and is currently active. Numerous violations have occurred during the operation of both landfills; including disposal practice violations at Paxton #I and disposal practice violations, non-permitted disposals, leachate violations, non-permitted surface water discharge, and uncontrolled dust violations at Paxton #II. Court records document disposal of hazardous wastes at Paxton #II after November 1980.

Chemical analysis of on-site surface water and groundwater revealed a variety of contaminants. Surface water samples contained heavy metals such as arsenic, chromium, lead, manganese, iron, as well as barium, and cyanide. Groundwater samples contained all of the metals found in the surface water except for arsenic and barium. In addition, groundwater samples also contained zinc, aluminum, copper, benzene, toluene, phenol, methylene chloride, 1,2-dichloroethene, methyl phenols, xylenes, dichloroethane, trichloroethene, tetrachloroethene, acetone, chlorobenzene, naphthalene and phenanthrene. Samples were collected by IEPA between 1978 and 1988.

A surficial sand layer approximately 10 feet thick exists in the area of the site. The groundwater in this aquifer is contaminated as described above. Groundwater discharge to surface water is likely but, migration to any aquifer which may be used for drinking water is unlikely due to a 60-foot clay layer underlying the sand. The nearest residential wells are located approximately 3 1/2 miles southeast of the site in the village of Dolton. About 20 homes in Dolton use private wells for drinking water.

Surface water and leachate runoff is erratic and uncontrolled. There is a history of surface water runoff and leachate from the south slope of Paxton #II flowing across an access road onto the property of the Land and Lakes Company to the south. Here, a surface water drainage system of culverts channels the runoff under Stoney Island Road and into Lake Calumet. Lake Calumet is a fishery and is considered to be a sensitive environment. There also wetlands on-site which may support a federally endangered avian species, the Piping Plover, which nests in the site vicinity.

Soil contamination exists at the site and it is assumed that the site is unsoundly lined. The site is not completely fenced although there are no residences or schools within 200 feet of the site. The nearest residences are about 500 feet northeast of the site boundaries.

A release to air was not suspected, although a potential exists for the migration of soil contaminants via windblown particulates.



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

M E M O R A N D U M

TO: Alan Altur, U.S. EPA
FROM: Todd Ramaly, FIT
DATE: October 30, 1991
SUBJECT: Paxton Ldfl Corp, Chicago, Illinois
ILD069498186/F05-9104-029/FIL0030 PA

Concentrations of heavy metals and semi-volatile organics have been detected in groundwater and surface water samples collected from the Paxton Ldfl Corp site. It is assumed that the site is unsoundly lined and soil contamination exists on-site. The site is not completely fenced although the nearest residences are approximately 500 feet away. Wetlands also exist on-site.

E & E/FIT recommends that the Paxton Ldfl Corp site be given a medium priority status for inspection because contamination of soils and surface water pose a potential threat to nearby residents and native fauna.

7562:8

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Paxton Landfill Corp.

PAGE 1 OF 5

U.S. EPA ID: ILD069498186 TDD: F059104029

PAN: FIL0030PA

DATE: 6/11/91

TIME: 0848

DIRECTION OF PHOTOGRAPH: NE

WEATHER CONDITIONS: overcast 270°F

PHOTOGRAPHED BY: J. DuBay

SAMPLE ID (if applicable): NA

DESCRIPTION: active
refuse dumping



DATE: 6/11/91

TIME: 0855

DIRECTION OF PHOTOGRAPH: N/NW

WEATHER CONDITIONS: overcast
270°F

PHOTOGRAPHED BY: J. DuBay

SAMPLE ID (if applicable): NA

DESCRIPTION:



entrance to Paxton Landfill

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Paxton Landfill Corp.

PAGE 2 OF 5

U.S. EPA ID: ILD069498186 TDD: F059104029PAN: FIL0030PADATE: 6/11/91TIME: 0905DIRECTION OF
PHOTOGRAPH: NWWEATHER
CONDITIONS: overcast ~70°FPHOTOGRAPHED BY: T. RamalySAMPLE ID
(if applicable): NADESCRIPTION: Paxton Landfill
entrance in foreground
and Paxton mobile
incinerator in backgroundDATE: 6/11/91TIME: 0905DIRECTION OF
PHOTOGRAPH: NWEATHER
CONDITIONS: overcast~70°FPHOTOGRAPHED BY: T. RamalySAMPLE ID
(if applicable): NADESCRIPTION: Paxton Landfill entrance -
Oglesby Ave.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Paxton Landfill Corp PAGE 3 OF 5
U.S. EPA ID: ILD069498186 TOD: FAS 8/04-029 PAN: FIL0030PA

DATE: 6/11/91

TIME: 0845

DIRECTION OF
PHOTOGRAPH:

NE

WEATHER
CONDITIONS:

overcast

270°F

PHOTOGRAPHED BY:

T. Ramaly

SAMPLE ID
(if applicable):

NA

DESCRIPTION: uncovered area of Paxton landfill

showing exposed refuse



DATE: 6/11/91

TIME: 0847

DIRECTION OF
PHOTOGRAPH:

E

WEATHER
CONDITIONS:

overcast

70°F

PHOTOGRAPHED BY:

T. Ramaly

SAMPLE ID
(if applicable):

NA

DESCRIPTION: drainage area between Paxton Landfill (left)

and Land+ Lakes #3 landfill-showing monitoring wells



FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Paxton Landfill Corp.

PAGE 4 OF 5

U.S. EPA ID: ILD069498186 TDD: FOS9104029

PAN:

DATE: > 6/11/91

TIME: > 0925

DIRECTION OF PHOTOGRAPH:

> N

WEATHER

CONDITIONS:

> overcast

> 270°F

PHOTOGRAPHED BY:

> T. Ramaly

SAMPLE ID

(if applicable):

> NA



DESCRIPTION: > perspective photo showing Paxton Landfill
> in background and Land-Lakes #3 in foreground

DATE: > 6/11/91

TIME: > 0847

DIRECTION OF PHOTOGRAPH:

> N

WEATHER

CONDITIONS:

> overcast

> 270°F

PHOTOGRAPHED BY:

> T. Ramaly

SAMPLE ID

(if applicable):

> NA



DESCRIPTION: > entrance and parking lot

>

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Paxton Landfill Corp

PAGE 5 OF 5

U.S. EPA ID: ILD069498186

TDD: F059104029

PAN: FIL 0030PA



DATE: 6/11/91 TIME: 1230 DIRECTION OF PHOTOGRAPH: N/NW PHOTOGRAPHED BY: T. Ramaly

WEATHER CONDITIONS: overcast ~70°F SAMPLE ID (if applicable): _____

DESCRIPTION: panoramic view of Paxton Landfill